

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2016, Maryland

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass	Geothermal ^f	Solar ^{f,g}	Wind ^f	Net Electricity Imports ^h	Total ^{f,i}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total			Wood and Waste ^{e,f}					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours		Million Kilowatthours					
1960	3,088	(s)	16	0	166	182	0	1,356	--	0	NA	NA	0	--
1965	6,018	(s)	26	0	269	295	0	1,140	--	0	NA	NA	0	--
1970	5,950	11	945	0	9,946	10,891	0	1,906	--	0	NA	NA	0	--
1975	3,873	(s)	688	0	17,982	18,669	4,386	2,311	--	0	NA	NA	0	--
1980	5,908	5	1,111	0	8,139	9,250	10,947	1,270	--	0	NA	NA	0	--
1985	7,046	1	830	0	5,131	5,961	9,926	1,524	--	0	0	0	0	--
1990	8,945	21	598	0	6,945	7,543	1,251	2,299	--	0	0	0	0	--
1995	10,141	19	674	0	2,287	2,961	12,938	1,442	--	0	0	0	0	--
1996	10,540	12	792	0	2,293	3,085	12,093	2,457	--	0	0	0	0	--
1997	10,417	16	650	0	2,600	3,250	13,213	1,588	--	0	0	0	0	--
1998	10,968	22	694	0	5,753	6,447	13,331	1,740	--	0	0	0	0	--
1999	10,980	23	535	0	7,462	7,997	13,312	1,424	--	0	0	0	0	--
2000	11,327	29	582	0	3,733	4,316	13,827	1,733	--	0	0	0	0	--
2001	11,158	18	976	0	4,590	5,565	13,656	1,184	--	0	0	0	37	--
2002	11,245	22	709	0	3,402	4,111	12,128	1,661	--	0	0	0	0	--
2003	11,780	11	1,154	0	5,022	6,176	13,691	2,647	--	0	0	0	0	--
2004	11,576	12	1,137	0	4,516	5,654	14,580	2,508	--	0	0	0	0	--
2005	11,710	20	1,196	0	5,328	6,524	14,703	1,704	--	0	0	0	0	--
2006	11,638	22	449	0	594	1,044	13,830	2,104	--	0	0	0	0	--
2007	11,884	23	764	0	1,044	1,808	14,353	1,652	--	0	0	0	0	--
2008	11,065	20	510	0	304	814	14,679	1,974	--	0	0	0	0	--
2009	9,805	18	351	0	280	630	14,550	1,889	--	0	0	0	0	--
2010	9,846	31	512	0	139	650	13,994	1,667	--	(s)	1	111	111	--
2011	8,917	21	348	0	116	464	14,397	2,547	--	3	271	204	204	--
2012	6,930	49	214	0	42	256	13,579	1,657	--	21	322	322	0	--
2013	6,789	25	304	0	53	357	14,264	1,727	--	60	322	299	299	--
2014	7,411	20	650	0	243	893	14,343	1,616	--	95	324	180	180	--
2015	6,036	40	303	0	145	449	14,643	1,623	--	112	435	190	190	--
2016	5,993	49	298	0	61	359	14,760	1,392	--	202	527	116	116	--
Trillion Btu														
1960	82.2	0.1	0.1	0.0	1.0	1.1	0.0	14.6	0.0	0.0	NA	NA	0.0	98.0
1965	158.7	0.1	0.1	0.0	1.7	1.8	0.0	11.9	0.0	0.0	NA	NA	0.0	172.5
1970	146.4	11.7	5.5	0.0	62.5	68.0	0.0	20.0	0.0	0.0	NA	NA	0.0	246.2
1975	94.2	0.4	4.0	0.0	113.0	117.0	48.3	24.0	0.0	0.0	NA	NA	0.0	284.0
1980	146.3	5.4	6.5	0.0	51.2	57.6	119.4	13.2	0.0	0.0	NA	NA	0.0	341.8
1985	178.4	1.4	4.8	0.0	32.3	37.1	105.4	15.9	0.2	0.0	0.0	0.0	0.0	338.5
1990	227.9	21.7	3.5	0.0	43.7	47.1	13.2	23.9	7.3	0.0	0.0	0.0	0.0	341.2
1995	262.9	19.5	3.9	0.0	14.4	18.3	135.9	14.9	10.1	0.0	0.0	0.0	0.0	461.6
1996	271.7	12.3	4.6	0.0	14.4	19.0	127.0	25.4	12.1	0.0	0.0	0.0	0.0	467.5
1997	269.0	16.1	3.8	0.0	16.3	20.1	138.7	16.2	11.7	0.0	0.0	0.0	0.0	471.9
1998	283.3	22.3	4.0	0.0	36.2	40.2	139.9	17.7	12.1	0.0	0.0	0.0	0.0	515.5
1999	284.1	23.7	3.1	0.0	46.9	50.0	139.1	14.6	12.7	0.0	0.0	0.0	0.0	524.2
2000	289.7	30.1	3.4	0.0	23.5	26.9	144.2	17.7	12.3	0.0	0.0	0.0	0.0	520.9
2001	283.3	18.1	5.7	0.0	28.9	34.5	142.6	12.2	7.0	0.0	0.0	0.0	0.1	498.0
2002	291.7	23.2	4.1	0.0	21.4	25.5	126.6	16.9	7.3	0.0	0.0	0.0	0.0	491.3
2003	297.6	11.4	6.7	0.0	31.6	38.3	142.7	26.8	7.1	0.0	0.0	0.0	0.0	523.9
2004	291.3	12.5	6.6	0.0	28.4	35.0	152.0	25.1	7.3	0.0	0.0	0.0	0.0	523.3
2005	295.5	21.5	7.0	0.0	33.5	40.5	153.4	17.0	7.3	0.0	0.0	0.0	0.0	535.2
2006	293.2	22.8	2.6	0.0	3.7	6.3	144.3	20.9	7.6	0.0	0.0	0.0	0.0	495.2
2007	297.2	24.1	4.4	0.0	6.6	11.0	150.6	16.3	7.5	0.0	0.0	0.0	0.0	506.6
2008	279.8	20.5	2.9	0.0	1.9	4.9	153.4	19.5	7.7	0.0	0.0	0.0	0.0	485.8
2009	244.0	18.9	2.0	0.0	1.8	3.8	152.2	18.4	7.4	0.0	0.0	0.0	0.0	444.7
2010	242.9	31.8	3.0	0.0	0.9	3.8	146.3	16.3	7.6	0.0	(s)	(s)	0.4	449.1
2011	218.9	21.6	2.0	0.0	0.7	2.7	150.7	24.7	7.0	0.0	(s)	2.6	0.7	429.0
2012	171.4	50.9	1.2	0.0	0.3	1.5	142.3	15.8	7.4	0.0	0.2	3.1	0.0	392.5
2013	167.6	25.9	1.8	0.0	0.3	2.1	149.0	16.5	7.7	0.0	0.6	3.1	1.0	373.5
2014	185.4	21.4	3.8	0.0	1.5	5.3	150.0	15.4	7.9	0.0	0.9	3.1	0.6	389.8
2015	151.0	41.8	1.8	0.0	0.9	2.7	153.1	15.1	7.8	0.0	1.0	4.1	0.6	377.1
2016	150.8	52.0	1.7	0.0	0.4	2.1	154.4	12.9	7.6	0.0	1.9	4.9	0.4	386.6

Trillion Btu

1960	82.2	0.1	0.1	0.0	1.0	1.1	0.0	14.6	0.0	0.0	NA	NA	0.0	98.0
1965	158.7	0.1	0.1	0.0	1.7	1.8	0.0	11.9	0.0	0.0	NA	NA	0.0	172.5
1970	146.4	11.7	5.5	0.0	62.5	68.0	0.0	20.0	0.0	0.0	NA	NA	0.0	246.2
1975	94.2	0.4	4.0	0.0	113.0	117.0	48.3	24.0	0.0	0.0	NA	NA	0.0	284.0
1980	146.3	5.4	6.5	0.0	51.2	57.6	119.4	13.2	0.0	0.0	NA	NA	0.0	341.8
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1990	227.9	21.7	3.5	0.0	43.7	47.1	13.2	23.9	7.3	0.0	0.0	0.0	0.0	341.2
1995	262.9	19.5	3.9	0.0	14.4	18.3	135.9	14.9	10.1	0.0	0.0	0.0	0.0	461.6
1996	271.7	12.3	4.6	0.0	14.4	19.0	127.0	25.4	12.1	0.0	0.0	0.0	0.0	467.5
1997	269.0	16.1	3.8	0.0	16.3	20.1	138.7	16.2	11.7	0.0	0.0	0.0	0.0	471.9
1998	283.3	22.3	4.0	0.0	36.2	40.2	139.9	17.7	12.1	0.0	0.0	0.0	0.0	515.5
1999	284.1	23.7	3.1	0.0	46.9	50.0	139.1	14.6	12.7	0.0	0.0	0.0	0.0	524.2
2000	289.7	30.1	3.4	0.0	23.5	26.9	144.2	17.7	12.3	0.0	0.0	0.0	0.0	520.9
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2009	244.0	18.9	2.0	0.0	1.8	3.8	152.2	18.4	7.4	0.0	0.0	0.0	0.0	444.7
2010	242.9	31.8	3.0	0.0	0.9	3.8	146.3	16.3	7.6	0.0	(s)	(s)	0.4	449.1
2011	218.9	21.6	2.0	0.0	0.7	2.7	150.7	24.7	7.0	0.0	(s)	2.6	0.7	429.0
2012	171.4	50.9	1.2	0.0	0.3	1.5	142.3	15.8	7.4	0.0	0.2	3.1	0.0	392.5
2013	167.6	25.9	1.8	0.0	0.3	2.1	149.0	16.5	7.7	0.0	0.6	3.1	1.0	373.5
2014	185.4	21.4	3.8	0.0	1.5	5.3	150.0	15.4	7.9	0.0	0.9	3.1	0.6	389.8
2015	151.0	41.8	1.8	0.0	0.9	2.7	153.1	15.1	7.8	0.0	1.0	4.1	0.6	377.1
2016	150.8	52.0	1.7	0.0	0.4	2.1	154.4	12.9	7.6	0.0	1.9	4.9	0.4	386.8

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other

fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.